

**BOBBY JINDAL**  
GOVERNOR



**PEGGY M. HATCH**  
SECRETARY

**State of Louisiana**  
**DEPARTMENT OF ENVIRONMENTAL QUALITY**  
**ENVIRONMENTAL SERVICES**

Certified Mail No.

Agency Interest No. 127089  
Activity No.: PER20100001

Mr. Paul Bieniawski  
Bobcat Gas Storage, LLC  
11200 Westheimer Road, Suite 625  
Houston, Texas 77042

RE: Part 70 operating permit modification, Bobcat Compressor Station, Bobcat Gas Storage, LLC, Port Barre, St. Landry Parish, Louisiana

Dear Mr. Bieniawski:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 operating permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the 27th of November, 2011, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and Agency Interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

Permit No.: 2600-00071-V3

Sincerely,

Cheryl Sonnier Nolan  
Assistant Secretary

CSN/DCN  
cc: EPA Region 6

**PUBLIC NOTICE**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)**  
**BOBCAT GAS STORAGE, LLC - BOBCAT COMPRESSOR STATION**  
**PROPOSED PART 70 AIR OPERATING PERMIT MODIFICATION**

The LDEQ, Office of Environmental Services, is accepting written comments on the proposed Part 70 air operating permit modification for Bobcat Gas Storage, LLC, 11200 Westheimer Road, Suite 625, Houston, Texas 77042 for the Bobcat Compressor Station. The facility is located at 19210 Highway 190, Port Barre, St. Landry Parish.

Bobcat Gas Storage, LLC (Bobcat) owns and operates the Bobcat Compressor Station, a natural gas compressor station operating under Part 70 air operating permit 2600-00071-V-2, dated June 17, 2009. Bobcat Gas Storage requested a permit modification to install 1) five 8180 horsepower compressor engines (CAT 16CM34) to replace three proposed 4735 horsepower units (CAT G3616), 2) two 300 MMscf/day triethylene glycol dehydration units with a thermal oxidizer as the control device, 3) a natural gas fired emergency generator, and 4) several miscellaneous tanks and insignificant activities.

Estimated emissions in tons per year are as follows:

Pollutant	Before	After	Change
PM <sub>10</sub>	0.36	0.68	+ 0.32
SO <sub>2</sub>	0.58	0.58	-
NO <sub>x</sub>	183.82	229.04	+ 45.22
CO	58.56	67.82	+ 9.26
VOC	148.89	227.23	+ 78.34

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Monday, April 26, 2010.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The permit application, proposed permit, statement of basis and Environmental Assessment Statement are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5<sup>th</sup> Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at [www.deq.louisiana.gov](http://www.deq.louisiana.gov).

Additional copies may be reviewed at the St. Landry Parish Library – Opelousas, 212 E Grolee Street, Opelousas, LA 70570.

Inquiries or requests for additional information regarding this permit action should be directed to Dan Nguyen, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3118.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at [deqmailistrequest@la.gov](mailto:deqmailistrequest@la.gov) or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit and statement of basis can be viewed at the LDEQ permits public notice webpage at [www.deq.louisiana.gov/apps/pubNotice/default.asp](http://www.deq.louisiana.gov/apps/pubNotice/default.asp) and general information related to the public participation in permitting activities can be viewed at [www.deq.louisiana.gov/portal/tabid/2198/Default.aspx](http://www.deq.louisiana.gov/portal/tabid/2198/Default.aspx).

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at [http://www.doa.louisiana.gov/oes/listservpage/ldeq\\_pn\\_listserv.htm](http://www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm).

All correspondence should specify AI Number 127089, Permit Number 2600-00071-V3, and Activity Number PER20100001.

Scheduled Publication Date: March 24, 2010

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**AIR PERMIT BRIEFING SHEET  
AIR PERMITS DIVISION  
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**BOBCAT COMPRESSOR STATION  
AGENCY INTEREST NO. 127089  
BOBCAT GAS STORAGE, LLC  
PORT BARRE, ST. LANDRY PARISH, LOUISIANA**

**I. Background**

Bobcat Gas Storage, LLC (Bobcat) owns and operates the Bobcat Compressor Station, a natural gas compressor station near Port Barre, St. Landry Parish under Part 70 operating permit 2600-00071-V2, dated June 17, 2009. The permit was amended November 10, 2009.

**II. Origin**

A permit application dated January 8, 2010, was submitted requesting a Part 70 operating permit modification.

**III. Description**

Bobcat receives natural gas via pipeline and injects it into storage caverns (salt domes). Upon demand, natural gas is withdrawn from the caverns, dehydrated, and sent to sales pipeline. Existing equipment at the facility includes compressor engines with catalyst oxidation systems, two glycol dehydration units, a thermal oxidizer, storage tanks, truck loading operations, and associated support equipment.

Bobcat proposes to install 1) five 8180 horsepower compressor engines (CAT 16CM34) to replace three proposed 4735 horsepower units (CAT G3616), 2) two 300 MMscf/day triethylene glycol dehydration units with a thermal oxidizer as the control device, 3) a natural gas fired emergency generator, and 4) several miscellaneous tanks and insignificant activities. To maintain NO<sub>x</sub> and VOC emissions below the PSD major source thresholds of 250 tons/year, total operating times of all compressor engines is limited to 278.17 million hp-hour/year. Emissions in tons per year are as follows:

Pollutant	Before	After	Change
PM <sub>10</sub>	0.36	0.68	+ 0.32
SO <sub>2</sub>	0.58	0.58	-
NO <sub>x</sub>	183.82	229.04	+ 45.22
CO	58.56	67.82	+ 9.26
VOC	148.89	227.23	+ 78.34
LAC 33:III Chapter 51 Regulated Toxic Air Pollutants			
Benzene	8.59	17.55	+ 8.96
Ethyl Benzene	0.11	0.13	+ 0.02
Formaldehyde	28.80	25.62	- 3.18
Methanol	0.13	0.27	+ 0.14
n-Hexane	0.97	2.94	+ 1.97
Toluene	7.77	15.83	+ 8.06
Xylenes	0.04	0.06	+ 0.02

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PORT BARRE, ST. LANDRY PARISH, LOUISIANA**

Total	46.41	62.40	+ 15.99
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**IV. Type of Review**

This application was reviewed for compliance with the Louisiana Part 70 operating permit program, Louisiana Air Quality Regulations, NESHAP, and NSPS. PSD does not apply. The station is a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51. Federally enforceable conditions are used to maintain NO<sub>x</sub> and VOC below the PSD major source threshold by limiting operating times of compressor engines to 302.39 million hp-hour/year.

**V. Credible Evidence**

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

**VI. Public Notice**

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, and in the ZZZ, ZZZ, on XXX, and was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List. The permit application, the proposed permit, and the Statement of Basis were submitted to the St. Landry Parish Library – ZZZ Branch. The proposed permit and the Statement of Basis were submitted to US EPA Region 6. All comments will be considered prior to a permit decision.

**VII. Effects on Ambient Air**

Emissions were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. The proposed project did not require the applicant to model emissions.

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PORT BARRE, ST. LANDRY PARISH, LOUISIANA**

**VIII. General Condition XVII Activities**

ID No.	Description	Emissions (tons/yr)		
		NOX	CO	VOC
	(None)			

**IX. Insignificant Activities (LAC 33:III.501.B.5)**

ID No.	Description	Capacity (gallons)	Citation
HTR-1	Catalytic Line Heater No. 1	0.85 MM BTU/hr	A.5
HTR-2	Catalytic Line Heater No. 2	0.15 MM BTU/hr	A.5
HTR-3	Catalytic Line Heater No. 3	0.15 MM BTU/hr	A.5
HTR-4	Catalytic Line Heater No. 4	0.85 MM BTU/hr	A.5
TK-04	Used Oil Storage Tank No. 1	1000	A.3
TK-05	Used Oil Storage Tank No. 2	1000	A.3
TK-06	Compressor Lube Oil Tank No. 1	4200	A.3
TK-07	Compressor Lube Oil Tank No. 2	4200	A.3
TK-08	Lube Oil Day Tank No. 1	500	A.3
TK-09	Lube Oil Day Tank No. 2	500	A.3
TK-10	Lube Oil Day Tank No. 3	500	A.3
TK-11	Cylinder Lube Oil Day Tank No. 1	1500	A.3
TK-12	Cylinder Lube Oil Day Tank No. 2	1500	A.3
TK-13	Oily Water Tank No. 1	4200	A.3
TK-14	Oily Water Tank No. 2	4200	A.3
TK-15	Triethylene Glycol Tank No. 1	2500	A.3
TK-16	Triethylene Glycol Tank No. 2	2500	A.3
TK-17	Used Ambitrol Day Tank No. 1	200	A.2
TK-18	Used Ambitrol Day Tank No. 2	200	A.2
TK-19	Ambitrol Storage Tank No. 1	4200	A.3
TK-20	Ambitrol Storage Tank No. 2	4200	A.3

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PORT BARRE, ST. LANDRY PARISH, LOUISIANA**

ID No.	Description	Capacity (gallons)	Citation
TK-21	Ambitrol Day Tank No. 1	2100	A.3
TK-34	Ambitrol Day Tank No. 2	2100	A.3
TK-22	Lube Oil Storage Tank A	55	A.2
TK-23	Lube Oil Storage Tank B	55	A.2
TK-24	Lube Oil Storage Tank C	55	A.2
TK-25	Lube Oil Storage Tank D	55	A.2
TK-26	Dehy Oily Water Tank No. 1	215	A.2
TK-35	Dehy Oily Water Tank No. 2	215	A.2
TK-28	Air Deck Oily Water Tank No. 1	215	A.2
TK-29	Air Deck Oily Water Tank No. 2	215	A.2

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**BOBCAT COMPRESSOR STATION  
AGENCY INTEREST NO. 127089  
BOBCAT GAS STORAGE, LLC  
PORT BARRE, ST. LANDRY PARISH, LOUISIANA**

**X. Applicable Louisiana and Federal Air Quality Requirements**

ID No.:	Description	LAC 33:III.										LAC 33:III:Chapter							
		509	2103	2107	2111	2113	2115	2116	2153	5▲	9	11	13	15	29	51*	52	56	59
EQT 0001	ENG-01 - Compressor Engine No. 1, Cat G3616																		
EQT 0005	ENG-02 - Compressor Engine No. 2, Cat G3616																		
EQT 0006	ENG-03 - Compressor Engine No. 3, Cat G3616																		
EQT 0007	ENG-04 - Compressor Engine No. 4, Cat G3616																		
EQT 0008	ENG-05 - Compressor Engine No. 5, Cat G3616																		
EQT 0009	TO-1 - Thermal Oxidizer No. 1									1									
EQT 0010	DHY-1 - Glycol Dehydrator Reboiler A																1	1	3
EQT 0011	DHY-2 - Glycol Dehydrator Reboiler B																1	1	3
EQT 0012	TK-01 - Methanol Storage Tank No. 1								1										
EQT 0013	BLO-1 - Blow Down Stack No. 1																		
EQT 0017	TK-03 - Diesel Storage Tank							2											
EQT 0018	STILL-A - Glycol Dehydrator Still Column A									1									
EQT 0019	STILL-B - Glycol Dehydrator Still Column B									1									
EQT 0020	ENG-06 - Compressor Engine No. 6, Cat G16CM34																1	1	3
EQT 0021	ENG-07 - Compressor Engine No. 7, Cat G16CM34																1	1	3
EQT 0022	ENG-08 - Compressor Engine No. 8, Cat G16CM34																1	1	3
EQT 0023	GEN-1 - Emergency Generator No. 1																1	1	3
EQT 0024	TK-27 - Dehy Condensate Tank No. 1									1									
EQT 0025	TL-01 - Oily Water Truck Loading										2								
EQT 0026	TL-02 - Condensate Truck Loading											2							

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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BOBCAT GAS STORAGE, LLC  
PORT BARRE, ST. LANDRY PARISH, LOUISIANA**

**X. Applicable Louisiana and Federal Air Quality Requirements**

ID No.:	Description	LAC 33:III.										LAC 33:III. Chapter						
		509	2103	2107	2111	2113	2115	2116	2153	5▲	9	11	13	15	29	51*	52	56
EQT 0027	ENG-09 - Compressor Engine No. 9, Cat G16CM34																	
EQT 0028	ENG-10 - Compressor Engine No. 10, Cat G16CM34																	
EQT 0029	TO-2 - Thermal Oxidizer No. 2																	
EQT 0030	STILL-C - Glycol Dehydrator Still Column C																	
EQT 0031	STILL-D - Glycol Dehydrator Still Column D																	
EQT 0032	DHY-C - Glycol Dehydrator Rebailer C																	
EQT 0033	DHY-D - Glycol Dehydrator Rebailer D																	
EQT 0034	TK-02 - Methanol Storage Tank No. 2																	
EQT 0035	BLO-2 - Blowdown Stack No. 2																	
EQT 0036	GEN-2 - Emergency Generator No. 2																	
EQT 0037	TK-30 - Dehy Condensate Tank No. 2																	
EQT 0038	TK-31 - Brine Tank A																	
EQT 0039	TK-32 - Brine Tank B																	
EQT 0040	TK-33 - Brine Tank C																	
FUG 0001	FUG-01 - Fugitive Equipment Leaks and Blowdowns																	
UNF0001	AI127089 - Bobcat Compressor Station																	

**KEY TO MATRIX**

- \* The regulations indicated above are State Only regulations.
- ▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**BOBCAT COMPRESSOR STATION**  
**AGENCY INTEREST NO. 127089**  
**BOBCAT GAS STORAGE, LLC**  
**PORT BARRE, ST. LANDRY PARISH, LOUISIANA**

**X. Applicable Louisiana and Federal Air Quality Requirements**

ID No.:	Description	40 CFR 60			40 CFR 61			40 CFR 63			40 CFR 64			40 CFR 68				
		A	Bc	Kb	J	M	A	F	J	M	A	F	HHH	ZZZZ	S2	64	68	72
EQT 0001	ENG-01 - Compressor Engine No. 1, Cat G3616	1					1									1		
EQT 0005	ENG-02 - Compressor Engine No. 2, Cat G3616	1					1									1		
EQT 0006	ENG-03 - Compressor Engine No. 3, Cat G3616	1					1									1		
EQT 0007	ENG-04 - Compressor Engine No. 4, Cat G3616	1					1									1		
EQT 0008	ENG-05 - Compressor Engine No. 5, Cat G3616	1					1									1		
EQT 0009	TO-1 - Thermal Oxidizer No. 1														1			
EQT 0010	DHY-1 - Glycol Dehydrator Reboiler A																	
EQT 0011	DHY-2 - Glycol Dehydrator Reboiler B																	
EQT 0012	TK-01 - Methanol Storage Tank No. 1					2												
EQT 0013	BLO-1 - Blow Down Stack No. 1																	
EQT 0017	TK-03 - Diesel Storage Tank					2												
EQT 0018	STILL-A - Glycol Dehydrator Still Column A																	
EQT 0019	STILL-B - Glycol Dehydrator Still Column B															1		
EQT 0020	ENG-06 - Compressor Engine No. 6, Cat G16CM34	1														1		
EQT 0021	ENG-07 - Compressor Engine No. 7, Cat G16CM34	1														1		
EQT 0022	ENG-08 - Compressor Engine No. 8, Cat G16CM34	1														1		
EQT 0023	GEN-1 - Emergency Generator No. 1	1														1		
EQT 0024	TK-27 - Dehy Condensate Tank No. 1																	
EQT 0025	TL-01 - Oily Water Truck Loading																	
EQT 0026	TL-02 - Condensate Truck Loading																	
EQT 0027	ENG-09 - Compressor Engine No. 9, Cat G16CM34	1														1		
EQT 0028	ENG-10 - Compressor Engine No. 10, Cat G16CM34	1														1		

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**BOBCAT COMPRESSOR STATION**  
 AGENCY INTEREST NO. 127089  
**BOBCAT GAS STORAGE, LLC**  
**PORT BARRE, ST. LANDRY PARISH, LOUISIANA**

**X. Applicable Louisiana and Federal Air Quality Requirements**

ID No.:	Description	40 CFR 60			40 CFR 61			40 CFR 63			40 CFR							
		A	Dc	Kb	J	III	A	F	J	M	A	F	HHH	2222	S2	64	68	72
EQT 0029	TO-2 - Thermal Oxidizer No. 2																	
EQT 0030	STILL-C - Glycol Dehydrator Still Column C																	1
EQT 0031	STILL-D - Glycol Dehydrator Still Column D																	1
EQT 0032	DHY-C - Glycol Dehydrator Reboiler C																	1
EQT 0033	DHY-D - Glycol Dehydrator Reboiler D																	
EQT 0034	TK-02 - Methanol Storage Tank No. 2																	
EQT 0035	BLO-2 - Blowdown Stack No. 2																	
EQT 0036	GEN-2 - Emergency Generator No. 2						1											1
EQT 0037	TK-30 - Dehy Condensate Tank No. 2																	
EQT 0038	TK-31 - Brine Tank A																	
EQT 0039	TK-32 - Brine Tank B																	
EQT 0040	TK-33 - Brine Tank C																	
FUG 0001	FUG-01 - Fugitive Equipment Leaks and Blowdowns																	
UNF0001	AI127089 - Bobcat Compressor Station																	1
																		3

**KEY TO MATRIX**

- 1 - The regulations have applicable requirements which apply to this particular emission source.  
 - The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements which apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes, the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, and fugitives) but do not apply to this particular emission source.  
 Blank - The regulations clearly do not apply to this type of emission source.

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**BOBCAT COMPRESSOR STATION  
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BOBCAT GAS STORAGE, LLC  
PORT BARRE, ST. LANDRY PARISH, LOUISIANA**

**XI. Explanation for Exemption Status or Non-Applicability of a Source**

ID No:	Requirement	Status	Citation	Explanation
EQT0001	LAC 33:III.Chapter 15	Does not apply	LAC 33:III.1502.A.3	SO2 emissions < 5 tons/year
EQT0005 – EQT0011				
EQT0020 – EQT0023				
EQT0027 – EQT0029				
EQT0032, EQT0033				
EQT0036				
EQT0012, EQT0034	40 CFR 60 Subpart Kb for tanks	Exempt	40 CFR 60.110	Tank volume < 20,000 gallons
EQT0017	LAC 33:III.2103 Control of VOC	Exempt	LAC 33:III.2103.A	Vapor Pressure < 1.5 psia
	40 CFR 60 Subpart Kb for tanks	Exempt	40 CFR 60.110	Vapor Pressure < 0.51 psia
EQT0023	40 CFR 60 Subpart JJJ	Exempt	40 CFR 60.4230(a)(4)(iv)	Manufactured prior to January 1, 2009
EQT0025, EQT0026	LAC 33:III.2107 VOC Loading	Exempt	LAC 33:III.2107.A.1.a	Throughput < 20,000 gals/day
UNF0001	LAC 33:III.Chapter 59 40 CFR Part 68	Does not apply	LAC 33:III.5907.A	Does not store or handle any subject materials more than their threshold quantities

The above table provides explanation for both the exemption status or non-applicability of a source cited by 2 or 3 in the matrix presented in Section X of this permit

**INVENTORIES**

AI ID: 127089 - Bobcat Gas Storage Facility  
 Activity Number: PER20100001  
 Permit Number: 2600-00071-V3  
 Air - Title V Regular Permit Major Mod

**Subject Item Inventory:**

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
<b>Bobcat Compressor Station</b>						
EQT 0001	ENG-01 - Compressor Engine No. 1, Cat G3616 with Catalytic Converter		4735 horsepower	4735 horsepower		8760 hr/yr
EQT 0005	ENG-02 - Compressor Engine No. 2, Cat G3616 with Catalytic Converter		4735 horsepower	4735 horsepower		8760 hr/yr
EQT 0006	ENG-03 - Compressor Engine No. 3, Cat G3616 with Catalytic Converter		4735 horsepower	4735 horsepower		8760 hr/yr
EQT 0007	ENG-04 - Compressor Engine No. 4, Cat G3616 with Catalytic Converter		4735 horsepower	4735 horsepower		8760 hr/yr
EQT 0008	ENG-05 - Compressor Engine No. 5, Cat G3616 with Catalytic Converter		4735 horsepower	4735 horsepower		8760 hr/yr
EQT 0009	TO-1 - Thermal Oxidizer No. 1 with Catalytic After Burner		1.25 MM BTU/hr	1.25 MM BTU/hr		8760 hr/yr
EQT 0010	DHY-1 - Glycol Dehydrator Reboiler A		3.8 MM BTU/hr	3.8 MM BTU/hr		8760 hr/yr
EQT 0011	DHY-2 - Glycol Dehydrator Reboiler B		3.8 MM BTU/hr	3.8 MM BTU/hr		8760 hr/yr
EQT 0012	TK-01 - Methanol Storage Tank No. 1	16800 gallons	201600 gallons/yr	201600 gallons/yr	Methanol	8760 hr/yr
EQT 0013	BLO-1 - Blow Down Stack No. 1		18.8 MM scf/yr	18.8 MM scf/yr		8760 hr/yr
EQT 0017	TK-03 - Diesel Storage Tank	21000 gallons	420000 gallons/yr	420000 gallons/yr	Diesel	8760 hr/yr
EQT 0018	STILL-A - Glycol Dehydrator Still Column A	300000 Mscf/day	300000 Mscf/day	300000 Mscf/day		8760 hr/yr
EQT 0019	STILL-B - Glycol Dehydrator Still Column B	300000 Mscf/day	300000 Mscf/day	300000 Mscf/day		8760 hr/yr
EQT 0020	ENG-06 - Compressor Engine No. 6, Cat G16CM34 with Catalytic Converter	8180 horsepower	8180 horsepower	8180 horsepower		8760 hr/yr
EQT 0021	ENG-07 - Compressor Engine No. 7, Cat G16CM34 with Catalytic Converter		8180 horsepower	8180 horsepower		8760 hr/yr
EQT 0022	ENG-08 - Compressor Engine No. 8, Cat G16CM34 with Catalytic Converter		8180 horsepower	8180 horsepower		8760 hr/yr
EQT 0023	GEN-1 - Emergency Generator No. 1		1877 horsepower	1877 horsepower		500 hr/yr
EQT 0024	TK-27 - Dehy Condensate Tank No. 1	20000 gallons	400000 gallons/yr	400000 gallons/yr		8760 hr/yr
EQT 0025	TL-01 - Oily Water Truck Loading		540000 gallons/yr	540000 gallons/yr		90 hr/yr
EQT 0026	TL-02 - Condensate Truck Loading		800000 gallons/yr	800000 gallons/yr		160 hr/yr
EQT 0027	ENG-09 - Compressor Engine No. 9, Cat G16CM34 with Catalytic Converter		8180 horsepower	8180 horsepower		8760 hr/yr
EQT 0028	ENG-10 - Compressor Engine No. 10, Cat G16CM34 with Catalytic Converter		8180 horsepower	8180 horsepower		8760 hr/yr
EQT 0029	TO-2 - Thermal Oxidizer No. 2 with Catalytic After Burner		1.25 MM BTU/hr	1.25 MM BTU/hr		8760 hr/yr
EQT 0030	STILL-C - Glycol Dehydrator Still Column C	300000 Mscf/day	300000 Mscf/day	300000 Mscf/day		8760 hr/yr
EQT 0031	STILL-D - Glycol Dehydrator Still Column D	300000 Mscf/day	300000 Mscf/day	300000 Mscf/day		8760 hr/yr
EQT 0032	DHY-C - Glycol Dehydrator Reboiler C	3.8 MM BTU/hr	3.8 MM BTU/hr	3.8 MM BTU/hr		8760 hr/yr
EQT 0033	DHY-D - Glycol Dehydrator Reboiler D		3.8 MM BTU/hr	3.8 MM BTU/hr		8760 hr/yr
EQT 0034	TK-02 - Methanol Storage Tank No. 2	16800 gallons	201600 gallons/yr	201600 gallons/yr	Methanol	8760 hr/yr
EQT 0035	BLO-2 - Blowdown Stack No. 2		23 MM scf/yr	23 MM scf/yr		8760 hr/yr
EQT 0036	GEN-2 - Emergency Generator No. 2		1877 horsepower	1877 horsepower		500 hr/yr
EQT 0037	TK-30 - Dehy Condensate Tank No. 2	20000 gallons	400000 gallons/yr	400000 gallons/yr		8760 hr/yr

INVENTORIES

**AI ID: 127089 - Bobcat Gas Storage Facility**  
**Activity Number: PER20100001**  
**Permit Number: 2600-00071-V3**  
**Air - Title V Regular Permit Major Mod**

## Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
<b>Bobcat Compressor Station</b>						
EQT 0038	TK-31 - Brine Tank A	206792 gallons	13.2 MM gallons/yr	13.2 MM gallons/yr		8760 hr/yr
EQT 0039	TK-32 - Brine Tank B	206792 gallons	13.2 MM gallons/yr	13.2 MM gallons/yr		8760 hr/yr
EQT 0040	TK-33 - Brine Tank C	206792 gallons	13.2 MM gallons/yr	13.2 MM gallons/yr		8760 hr/yr
FUG 0001	FUG-01 - Fugitive Equipment Leaks and Blowdowns					8760 hr/yr
<b>Stack Information:</b>						
ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)
<b>Bobcat Compressor Station</b>						
EQT 0001	ENG-01 - Compressor Engine No. 1. Cat G3616 with Catalytic Converter	110	32336	2	56.9	876
EQT 0005	ENG-02 - Compressor Engine No. 2. Cat G3616 with Catalytic Converter	110	32336	2	56.7	876
EQT 0006	ENG-03 - Compressor Engine No. 3. Cat G3616 with Catalytic Converter	110	32336	2	56.7	876
EQT 0007	ENG-04 - Compressor Engine No. 4. Cat G3616 with Catalytic Converter	110	32336	2	56.7	876
EQT 0008	ENG-05 - Compressor Engine No. 5. Cat G3616 with Catalytic Converter	110	32336	2	56.7	876
EQT 0009	TO-1 - Thermal Oxidizer No. 1 with Catalytic After Burner	40	5127	4.5	26.5	1400
EQT 0010	DHY-1 - Glycol Dehydrator Reboiler A	11	1437	1.67	29.8	899
EQT 0011	DHY-2 - Glycol Dehydrator Reboiler B	11	1437	1.67	29.8	899
EQT 0012	TK-01 - Methanol Storage Tank No. 1				27.3	
EQT 0013	BLO-1 - Blow Down Stack No. 1	119	118677	4.6	24	70
EQT 0017	TK-03 - Diesel Storage Tank	.01	.02	.17	25	70
EQT 0020	ENG-06 - Compressor Engine No. 6. Cat G16CM34 with Catalytic Converter	102	19237	2	56.7	662
EQT 0021	ENG-07 - Compressor Engine No. 7. Cat G16CM34 with Catalytic Converter	102	19237	2	56.7	662
EQT 0022	ENG-08 - Compressor Engine No. 8. Cat G16CM34 with Catalytic Converter	102	19237	2	56.7	662
EQT 0023	GEN-1 - Emergency Generator No. 1	454.99	14889	.83	18.3	829
EQT 0027	ENG-09 - Compressor Engine No. 9. Cat G16CM34 with Catalytic Converter	102	19237	2	56.7	662
EQT 0028	ENG-10 - Compressor Engine No. 10. Cat G16CM34 with Catalytic Converter	102	19237	2	56.7	662
EQT 0029	TO-2 - Thermal Oxidizer No. 2 with Catalytic After Burner	40	5127	4.5	26.5	1400
EQT 0032	DHY-C - Glycol Dehydrator Reboiler C	11	1437	1.67	29.8	899
EQT 0033	DHY-D - Glycol Dehydrator Reboiler D	11	1437	1.67	27.3	
EQT 0034	TK-02 - Methanol Storage Tank No. 2				24	70
EQT 0035	BLO-2 - Blowdown Stack No. 2	119	118.68	4.6	18.3	829
EQT 0036	GEN-2 - Emergency Generator No. 2	454.99	14889	.83	18.3	829

**INVENTORIES**

AI ID: 127089 - Bobcat Gas Storage Facility  
 Activity Number: PER20100001  
 Permit Number: 2600-00071-V3  
 Air - Title V Regular Permit Major Mod

**Relationships:**

ID	Description	Relationship	ID	Description
EQT 0018	STILL-A - Glycol Dehydrator Still Column A	Controlled by	EQT 0009	TO-1 - Thermal Oxidizer No. 1 with Catalytic After Burner
EQT 0019	STILL-B - Glycol Dehydrator Still Column B	Controlled by	EQT 0009	TO-1 - Thermal Oxidizer No. 1 with Catalytic After Burner
EQT 0030	STILL-C - Glycol Dehydrator Still Column C	Controlled by	EQT 0029	TO-2 - Thermal Oxidizer No. 2 with Catalytic After Burner
EQT 0031	STILL-D - Glycol Dehydrator Still Column D	Controlled by	EQT 0029	TO-2 - Thermal Oxidizer No. 2 with Catalytic After Burner

**Subject Item Groups:**

ID	Group Type	Group Description
CRG 0001	Common Requirements Group	STILLCOLUMNS - Glycol Still Column Common Requirements
CRG 0002	Common Requirements Group	ENGINES - Compressor Engine Common Requirements
CRG 0003	Common Requirements Group	REBOILERS - Glycol Dehydrator Reboiler Common Requirements
CRG 0004	Common Requirements Group	TANKS - Tank Common Requirements
CRG 0006	Common Requirements Group	OXIDIZERS - Thermal Oxidizer Common Requirements
UNF 0001	Unit or Facility Wide	A127089 - Bobcat Compressor Station

**Group Membership:**

ID	Description	Member of Groups
EQT 0001	ENG-01 - Compressor Engine No. 1, Cat G3616 with Catalytic Converter	CRG0000000002
EQT 0005	ENG-02 - Compressor Engine No. 2, Cat G3616 with Catalytic Converter	CRG0000000002
EQT 0006	ENG-03 - Compressor Engine No. 3, Cat G3616 with Catalytic Converter	CRG0000000002
EQT 0007	ENG-04 - Compressor Engine No. 4, Cat G3616 with Catalytic Converter	CRG0000000002
EQT 0008	ENG-05 - Compressor Engine No. 5, Cat G3616 with Catalytic Converter	CRG0000000002
EQT 0009	TO-1 - Thermal Oxidizer No. 1 with Catalytic After Burner	CRG0000000006
EQT 0010	DHY-1 - Glycol Dehydrator Reboiler A	CRG0000000003
EQT 0011	DHY-2 - Glycol Dehydrator Reboiler B	CRG0000000003
EQT 0012	TK-01 - Methanol Storage Tank No. 1	CRG0000000003
EQT 0018	STILL-A - Glycol Dehydrator Still Column A	CRG0000000001
EQT 0019	STILL-B - Glycol Dehydrator Still Column B	CRG0000000001
EQT 0020	ENG-06 - Compressor Engine No. 6, Cat G16CM34 with Catalytic Converter	CRG0000000002
EQT 0021	ENG-07 - Compressor Engine No. 7, Cat G16CM34 with Catalytic Converter	CRG0000000002
EQT 0022	ENG-08 - Compressor Engine No. 8, Cat G16CM34 with Catalytic Converter	CRG0000000002
EQT 0024	TK-27 - Dehy Condensate Tank No. 1	CRG0000000004
EQT 0027	ENG-09 - Compressor Engine No. 9, Cat G16CM34 with Catalytic Converter	CRG0000000002
EQT 0028	ENG-10 - Compressor Engine No. 10, Cat G16CM34 with Catalytic Converter	CRG0000000002
EQT 0029	TO-2 - Thermal Oxidizer No. 2 with Catalytic After Burner	CRG0000000006
EQT 0030	STILL-C - Glycol Dehydrator Still Column C	CRG0000000001
EQT 0031	STILL-D - Glycol Dehydrator Still Column D	CRG0000000001
EQT 0032	DHY-C - Glycol Dehydrator Reboiler C	CRG0000000003
EQT 0033	DHY-D - Glycol Dehydrator Reboiler D	CRG0000000003
EQT 0034	TK-02 - Methanol Storage Tank No. 2	CRG0000000004

**INVENTORIES**

**AI ID:** 127089 - Bobcat Gas Storage Facility  
**Activity Number:** PER20100001  
**Permit Number:** 2600-00071-V3  
**Air - Title V Regular Permit Major Mod**

**Group Membership:**

ID	Description	Member of Groups
EQT 0037	TK-30 - Dehy Condensate Tank No. 2	CRG0000000004

**NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group**

**Annual Maintenance Fee:**

Fee Number	Air Contaminant Source	Multipplier	Units Of Measure
1440	1440 Recip. Nat Gas Comp (more than 50,000 H.P.)	645.75	100 hp

**SIC Codes:**

4922	Natural gas transmission	AI 127089
4922	Natural gas transmission	UNF 001

**EMISSION RATES FOR CRITERIA POLLUTANTS**

AI ID: 127089 - Bobcat Gas Storage Facility

Activity Number: PER20100001

Permit Number: 2600-00071-V3

Air - Title V Regular Permit Major Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
<b>Bobcat Compressor Station</b>															
EOT 0001 ENG-01	1.83	2.19	4.00	7.31	8.77	16.00	<0.01	0.01	0.02	0.02	0.04	0.04	3.13	3.76	6.86
EOT 0005 ENG-02	1.83	2.19	4.00	7.31	8.77	16.00	<0.01	<0.01	0.01	0.02	0.04	0.04	3.13	3.76	6.86
EQT 0006 ENG-03	1.83	2.19	4.00	7.31	8.77	16.00	<0.01	<0.01	0.01	0.02	0.04	0.04	3.13	3.76	6.86
EQT 0007 ENG-04	2.01	2.41	4.40	5.22	6.26	11.43	<0.01	<0.01	0.01	0.02	0.04	0.04	3.29	3.95	7.20
EQT 0008 ENG-05	2.01	2.41	4.40	5.22	6.26	11.43	<0.01	<0.01	0.01	0.02	0.04	0.04	3.29	3.95	7.20
EQT 0009 TO-1	0.10	0.12	0.45	0.12	0.15	0.54	0.01	0.01	0.04	<0.01	<0.01	<0.01	4.55	5.46	19.94
EQT 0010 DHY-1	0.31	0.38	1.37	0.37	0.45	1.63	0.03	0.03	0.12	<0.01	0.01	0.01	0.58	0.70	2.54
EQT 0011 DHY-2	0.31	0.38	1.37	0.37	0.45	1.63	0.03	0.03	0.12	<0.01	0.01	0.01	0.58	0.70	2.54
EQT 0012 TK-01													0.03	0.04	0.15
EQT 0013 BLO-1													3.96	573.12	17.36
EOT 0017 TK-03													<0.01	<0.01	0.01
EOT 0020 ENG-06	3.54	4.24	7.74	13.53	16.23	29.62	<0.01	<0.01	0.01	0.03	0.03	0.03	3.11	3.74	6.82
EOT 0021 ENG-07	3.54	4.24	7.74	13.53	16.23	29.62	<0.01	<0.01	0.01	0.03	0.03	0.03	3.11	3.74	6.82
EOT 0022 ENG-08	3.54	4.24	7.74	13.53	16.23	29.62	<0.01	<0.01	0.01	0.03	0.03	0.03	3.11	3.74	6.82
EOT 0023 GEN-1	3.88	4.66	0.97	4.97	5.96	1.24	<0.01	<0.01	0.01	0.01	<0.01	0.01	1.45	1.73	0.36
EOT 0024 TK-27													0.16	0.19	0.71
EOT 0025 TL-01													0.23	0.23	0.01
EOT 0026 TL-02													9.22	18.45	0.74
EQT 0027 ENG-09	3.54	4.24	7.74	13.53	16.23	29.62	<0.01	<0.01	0.01	0.03	0.03	0.03	3.11	3.74	6.82
EOT 0028 ENG-10	3.54	4.24	7.74	13.53	16.23	29.62	<0.01	<0.01	0.01	0.03	0.03	0.03	3.11	3.74	6.82
EOT 0029 TO-2	0.10	0.12	0.45	0.12	0.15	0.54	0.01	0.01	0.04	<0.01	<0.01	<0.01	4.55	5.46	19.94
EOT 0032 DHY-C	0.31	0.38	1.37	0.37	0.45	1.63	0.03	0.03	0.12	<0.01	<0.01	<0.01	0.58	0.70	2.54
EOT 0033 DHY-D	0.31	0.38	1.37	0.37	0.45	1.63	0.03	0.03	0.12	<0.01	0.01	0.01	0.58	0.70	2.54

**EMISSION RATES FOR CRITERIA POLLUTANTS**

AIID: 127089 - Bobcat Gas Storage Facility

Activity Number: PER20100001

Permit Number: 2600-00071-V3

Air - Title V Regular Permit Major Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
<b>Bobcat Compressor Station</b>															
EQT 0034 TK-02													0.03	0.04	0.15
EQT 0035 BLG-2													7.30	1143.78	31.96
EQT 0036 GEM-2	3.88	4.66	0.97	4.97	5.96	1.24	<0.01	<0.01	0.01	<0.01	0.01	0.01	1.45	1.73	0.36
EQT 0037 TK-30													0.16	0.19	0.71
EQT 0038 TK-31													3.86	4.63	16.90
EQT 0039 TK-32													3.86	4.63	16.90
EQT 0040 TK-33													3.86	4.63	16.90
FUG 0001 FUG-01													1.12	237.96	4.89

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS****AI ID: 127089 - Bobcat Gas Storage Facility****Activity Number: PER20100001****Permit Number: 2600-00071-V3****Air - Title V Regular Permit Major Mod**

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0001 ENG-01	Formaldehyde	0.48	1.15	2.10
EQT 0005 ENG-02	Formaldehyde	0.48	1.15	2.10
EQT 0006 ENG-03	Formaldehyde	0.48	1.15	2.10
EQT 0007 ENG-04	Formaldehyde	0.96	1.15	2.10
EQT 0008 ENG-05	Formaldehyde	0.96	1.15	2.10
EQT 0009 TO-1	Benzene	1.78	2.13	7.77
	Toluene	1.68	2.01	7.35
	n-Hexane	0.05	0.06	0.22
EQT 0010 DHY-1	Benzene	0.03	0.03	0.12
	Toluene	0.02	0.02	0.09
	n-Hexane	0.02	0.02	0.07
EQT 0011 DHY-2	Benzene	0.03	0.03	0.12
	Toluene	0.02	0.02	0.09
	n-Hexane	0.02	0.02	0.07
EQT 0012 TK-01	Methanol	0.03	0.03	0.13
EQT 0013 BLU-1	Benzene	0.04	6.12	0.19
	Toluene	0.03	3.85	0.12
	n-Hexane	0.08	12.16	0.37
EQT 0020 ENG-06	Formaldehyde	1.35	1.62	2.96
EQT 0021 ENG-07	Formaldehyde	1.35	1.62	2.96
EQT 0022 ENG-08	Formaldehyde	1.35	1.62	2.96
EQT 0023 GEN-1	Formaldehyde	0.65	0.78	0.16
EQT 0024 TK-27	Benzene	0.03	0.04	0.13
	Ethyl benzene	<0.01	<0.01	<0.01
	Toluene	0.01	0.01	0.03
	Xylene (mixed isomers)	<0.01	<0.01	<0.01
EQT 0026 TL-02	Benzene	1.85	3.69	0.15
	Ethyl benzene	1.38	2.77	0.11
	Toluene	0.08	0.17	0.01
	Xylene (mixed isomers)	0.51	1.02	0.04
EQT 0027 ENG-09	Formaldehyde	1.35	1.62	2.96
EQT 0028 ENG-10	Formaldehyde	1.35	1.62	2.96
EQT 0029 TO-2	Benzene	1.78	2.13	7.77

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 127089 - Bobcat Gas Storage Facility

Activity Number: PER20100001

Permit Number: 2600-00071-V3

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0029 TO-2	Toluene	1.68	2.01	7.35
	n-Hexane	0.05	0.06	0.22
EQT 0032 DHY-C	Benzene	0.03	0.03	0.12
	Toluene	0.02	0.02	0.09
	n-Hexane	0.02	0.02	0.07
EQT 0033 DHY-D	Benzene	0.03	0.03	0.12
	Toluene	0.02	0.02	0.09
	n-Hexane	0.02	0.02	0.07
EQT 0034 TK-02	Methanol	0.03	0.03	0.13
EQT 0035 BLO-2	Benzene	0.08	12.22	0.34
	Toluene	0.05	7.68	0.22
	n-Hexane	0.16	24.27	0.68
EQT 0036 GEN-2	Formaldehyde	0.65	0.78	0.16
EQT 0037 TK-30	Benzene	0.03	0.04	0.13
	Ethyl benzene	<0.01	<0.01	<0.01
	Toluene	0.01	0.01	0.03
	Xylene (mixed isomers)	<0.01	<0.01	<0.01
EQT 0038 TK-31	Benzene	0.04	0.05	0.18
	Toluene	0.03	0.03	0.11
	n-Hexane	0.08	0.10	0.36
EQT 0039 TK-32	Benzene	0.04	0.05	0.18
	Toluene	0.03	0.03	0.11
	n-Hexane	0.08	0.10	0.36
EQT 0040 TK-33	Benzene	0.04	0.05	0.18
	Toluene	0.03	0.03	0.11
	n-Hexane	0.08	0.10	0.36
FUG 0001 FUG-01	Benzene	0.01	2.41	0.05
	Methanol	<0.01	<0.01	0.01
	Toluene	0.01	1.60	0.03
	n-Hexane	0.02	5.05	0.09
UNF 0001 AI127089	Benzene			17.55
	Ethyl benzene			0.13
	Formaldehyde			25.62

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 127089 - Bobcat Gas Storage Facility

Activity Number: PER20100001

Permit Number: 2600-00071-V3

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 AI127089	Methanol			0.27
	Toluene			15.83
	Xylene (mixed isomers)			0.06
	n-Hexane			2.94

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

**SPECIFIC REQUIREMENTS**

**AI ID: 127089 - Bobcat Gas Storage Facility**  
**Activity Number: PER20100001**  
**Permit Number: 2600-00071-V3**  
**Air - Title V Regular Permit Major Mod**

**CRG 0001 STILLCOLUMNS - Glycol Still Column Common Requirements**

Group Members: EQT 001EQT 0019EQT 0030EQT 0031

- 1 [40 CFR 63.1275(b)(1)(i)] Design and operate in accordance with the requirements of 40 CFR 63.1281(d). Subpart HHH. [40 CFR 63.1275(b)(1)(i)]
- 2 [40 CFR 63.1281(d)(4)(i)] Operate at all times when gases, vapors, and fumes are vented from the emissions unit or units through the closed-vent system to the control device, as required under 40 CFR 63.1275, except when maintenance or repair on a unit cannot be completed without a shutdown of the control device. Subpart HHH. [40 CFR 63.1281(d)(4)(i)]
- 3 [40 CFR 63.1281(d)(4)(ii)] Demonstrate compliance with the monitoring requirements of 40 CFR 63.1283(d) according to the requirements of 40 CFR 63.1282(e) or (f), as applicable. Subpart HHH. [40 CFR 63.1281(d)(4)(ii)]
- 4 [40 CFR 63.1282(e)(1)] Establish a site specific maximum or minimum monitoring parameter value (as appropriate) according to the requirements of 40 CFR 63.1283(d)(5)(i). Subpart HHH. [40 CFR 63.1282(e)(1)]
- 5 [40 CFR 63.1283(c)(2)(i)(A)] Closed-vent system (joints, seam, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the specified in 40 CFR 63.1282(b) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.1285(d)(1) or (d)(2). Subpart HHH. [40 CFR 63.1283(c)(2)(i)(A)]
- 6 [40 CFR 63.1283(d)(4)] Which Months: All Year Statistical Basis: None specified Calculate the daily average value for each monitored operating parameter for each operating day using the data recorded by the monitoring system. Subpart HHH. [40 CFR 63.1283(d)(4)]
- 7 [40 CFR 63.1284] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.1284(b) through (e). Subpart HHH.
- 8 [LAC 33:III.2116.B.2] VOC, Total  $\geq 85\%$  reduction using a control device. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D.
- 9 [LAC 33:III.2116.F.1] Which Months: All Year Statistical Basis: None specified Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2116.F.1.

**CRG 0002 ENGINES - Compressor Engine Common Requirements**

Group Members: EQT 0001EQT 0005EQT 0006EQT 0007EQT 0008EQT 0020EQT 0021EQT 0022EQT 0027EQT 0028

- 10 [40 CFR 60.4233(e)] (Excluding formaldehyde) VOC, Total  $\leq 1.0 \text{ g/BHP-hr}$  ( $0.0022 \text{ lb/HP-hr}$ ;  $86 \text{ ppmdv at } 15\% \text{ O}_2$ ). Subpart JJJ. [40 CFR 60.4233(e)]
- 11 [40 CFR 60.4233(e)] Which Months: All Year Statistical Basis: None specified Nitrogen oxides  $\leq 2.0 \text{ g/BHP-hr}$  ( $0.0044 \text{ lb/HP-hr}$ ;  $160 \text{ ppmdv at } 15\% \text{ O}_2$ ). Subpart JJJ. [40 CFR 60.4233(e)]
- 12 [40 CFR 60.4233(e)] Which Months: All Year Statistical Basis: None specified Carbon monoxide  $\leq 4.0 \text{ g/BHP-hr}$  ( $0.0088 \text{ lb/HP-hr}$ ;  $540 \text{ ppmdv at } 15\% \text{ O}_2$ ). Subpart JJJ. [40 CFR 60.4233(e)]
- 13 [40 CFR 60.4234] Operate and maintain stationary SI ICE to achieve the emission standards as required in 40 CFR 60.4233 over the entire life of the engine. Subpart JJJ.
- 14 [40 CFR 60.4243(b)(2)] Ensure that the engine is maintained and operated to the extent practicable in a manner consistent with good air pollution control practice for minimizing emissions. Subpart JJJ. [40 CFR 60.4243(b)(2)]

**SPECIFIC REQUIREMENTS**

**AI ID:** 127089 - Bobcat Gas Storage Facility  
**Activity Number:** PER20100001  
**Permit Number:** 2600-00071-V3  
**Air - Title V Regular Permit Major Mod**

**CRG 002 ENGINES - Compressor Engine Common Requirements**

- 15 [40 CFR 60.4243(b)(2)] Conduct an initial performance test. Conduct subsequent performance testing every 8,760 hours or 3 years, whichever comes first, thereafter to demonstrate compliance, if the engine is greater than 500 HP. Subpart JJJ. [40 CFR 60.4243(b)(2)]
- 16 [40 CFR 60.4243(b)(2)] Demonstrate compliance according to the emission standards specified in 40 CFR 60.4233(e), the requirements specified in 40 CFR 60.4244, as applicable, and the requirements specified in 40 CFR 60.4243(b)(2)(i) and (b)(2)(ii), as applicable. Subpart JJJ. [40 CFR 60.4243(b)(2)]
- 17 [40 CFR 60.4243(e)] Operate using propane for a maximum of 100 hours per year as an alternative fuel solely during emergency operations. Keep records of such use. If propane is used for more than 100 hours per year and the engine is not certified to the emission standards when using propane, conduct a performance test to demonstrate compliance with the emission standards of 40 CFR 60.4233. Subpart JJJ. [40 CFR 60.4243(e)]
- 18 [40 CFR 60.4243(g)] Air-to-fuel ratio controller: Maintain and operate appropriately in order to ensure proper operation of the engine and control device to minimize emissions at all times. Subpart JJJ. [40 CFR 60.4243(g)]
- 19 [40 CFR 60.4244] Conduct performance tests by following the procedures in 40 CFR 60.4244(a) through (g). Subpart JJJ.
- 20 [40 CFR 60.4245(a)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the information in 40 CFR 60.4245(a)(1) through (a)(4). Subpart JJJ. [40 CFR 60.4245(a)]
- 21 [40 CFR 60.4245(c)] Submit an initial notification as required in 40 CFR 60.7(a)(1). Include the information in 40 CFR 60.4245(c)(1) through (c)(5). Subpart JJJ. [40 CFR 60.4245(c)]
- 22 [40 CFR 60.4245(d)] Submit performance test results: Due within 60 days after each test conducted according to 40 CFR 60.4244 has been completed. Subpart JJJ. [40 CFR 60.4245(d)]
- 23 [40 CFR 63.660(b)] Carbon monoxide  $\geq 93\%$  reduction Subpart ZZZZ. [40 CFR 63.660(b)]
- 24 [40 CFR 63.6605(a)] Which Months: All Year Statistical Basis: None specified
- Be in compliance with emission limitations in 40 CFR 63 Subpart ZZZZ at all times, except during periods of startup, shutdown and malfunction. Subpart ZZZZ. [40 CFR 63.6605(a)]
- Operate and maintain in a manner consistent with good air pollution control practices for minimizing emissions at all times, including during startup, shutdown, and malfunction. Subpart ZZZZ. [40 CFR 63.6605(b)]
- 25 [40 CFR 63.6605(b)] Shall conduct initial performance tests or other initial compliance demonstration as per the requirements of NESHAP, 40 CFR 63, Subpart ZZZZ, Table 4 for 4SLB. Measure carbon monoxide and oxygen at the inlet and outlet of the control device using portable carbon monoxide and oxygen analyzers. Subpart ZZZZ. [40 CFR 63.6610(a), 40 CFR 63.7(a)(2)]
- Conduct subsequent performance tests semiannually as per the requirements of NESHAP, 40 CFR 63, Subpart ZZZZ, Table 3 for 4SLB. Subpart ZZZZ.
- 26 [40 CFR 63.6610(a)] Conduct each applicable performance test in 40 CFR 63 Subpart ZZZZ. Tables 3 and 4. Subpart ZZZZ. [40 CFR 63.6620(a)]
- Conduct each performance test according to the requirements in 40 CFR 63.7(e)(1) and under the specific conditions in 40 CFR 63 Subpart ZZZZ. Table 4. Subpart ZZZZ. [40 CFR 63.6620(b)]
- Determine compliance with the percent reduction requirement using equation 1 in 40 CFR 63.6620. Subpart ZZZZ. [40 CFR 63.6620(e)]
- 27 [40 CFR 63.6615]
- 28 [40 CFR 63.6620(a)]
- 29 [40 CFR 63.6620(b)]
- 30 [40 CFR 63.6620(e)]

**SPECIFIC REQUIREMENTS**

AI ID: 127089 - Bobcat Gas Storage Facility  
 Activity Number: PER20100001  
 Permit Number: 2600-00071-V3  
 Air - Title V Regular Permit Major Mod

**CRG 0002 ENGINES - Compressor Engine Common Requirements**

- Include a written report of the average percent load determination in the notification of compliance status. Include the following information:  
 the engine model number, the engine manufacturer, the year of purchase, the manufacturer's site-rated brake horsepower, the ambient temperature, pressure, and humidity during the performance test, and all assumptions that were made to estimate or calculate percent load during the performance test, must be clearly explained. If measurement devices such as flow meters, kilowatt meters, beta analyzers, stain gauges, etc. are used, provide the model number of the measurement device, and an estimate of its accurate in percentage of true value. Subpart ZZZZ. [40 CFR 63.6620(i)]
- 31 [40 CFR 63.6620(i)] Determine the engine percent load during a performance test by documenting the calculations, assumptions, and measurement devices used to measure or estimate the percent load in a specific application. Subpart ZZZZ. [40 CFR 63.6620(i)]
- 32 [40 CFR 63.6620(a)] Demonstrate initial compliance with each applicable emission and operating limitation according to 40 CFR 63 Subpart 5 for 4SLB. Control carbon monoxide emissions using oxidation catalyst and continuous parameter monitoring system (CPMS) in accordance with 40 CFR 63.8. Subpart ZZZZ. [40 CFR 63.6630(a)]
- 33 [40 CFR 63.6630(a)] Demonstrate continuous compliance with each applicable emission limitation and operating limitation in 40 CFR 63 Subpart ZZZZ Tables 2a and 2b according to methods specified in 40 CFR 63 Subpart ZZZZ Table 6. Subpart ZZZZ. [40 CFR 63.6640(a)]
- 34 [40 CFR 63.6640(a)] Conduct a performance test to demonstrate that the required emission limitation applicable are being met, if the values of the operating parameters are reestablished. Subpart ZZZZ. [40 CFR 63.6640(b)]
- 35 [40 CFR 63.6640(b)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.6655(a) through (d), as applicable. Subpart ZZZZ.
- 36 [40 CFR 63.6655] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
- 37 [LAC 33:III.1101.B] Which Months: All Year Statistical Basis: None specified  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1311.C, LAC 33:III.1101.B]
- 38 [LAC 33:III.1311.C] Which Months: All Year Statistical Basis: Six-minute average  
 Shall limit total operating time of compressor engines No. 1 through No. 10 to less than 278.18 million hp-hr/year. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, if engine operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period.
- 39 [LAC 33:III.501.C.6] Submit report: Due annually, by the 31st of March. Report the engine operating time for the preceding calendar year to the Office of Environmental Compliance. This report can be combined with reports required under LAC 33:III.535.
- 40 [LAC 33:III.507.H.1.a] Operating time recordkeeping by electronic or hard copy monthly. Keep records of the each engine operating each month, as well as the total each engine operating time for the last twelve months. Make records available for inspection by DEQ personnel.
- 41 [LAC 33:III.507.H.1.a] Each Engine Operating time monitored by technically sound method continuously.
- 42 [LAC 33:III.507.H.1.a] Which Months: All Year Statistical Basis: None specified

**CRG 0003 REBOILERS - Glycol Dehydrator Reboiler Common Requirements**

Group Members: EQT 0010EQT 0011EQT 0032EQT 0033

**SPECIFIC REQUIREMENTS**

AI ID: 127089 - Bobcat Gas Storage Facility  
**Activity Number:** PER20100001  
**Permit Number:** 2600-00071-V3  
**Air - Title V Regular Permit Major Mod**

**CRG 0003 REBOILERS - Glycol Dehydrator Reboiler Common Requirements**

43 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: None specified

44 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: None specified

**CRG 0004 TANKS - Tank Common Requirements**

Group Members: EQT 0012EQT 0024EQT 0034EQT 0037

45 [LAC 33:III.2103.A] Equip with a submerged fill pipe or a vapor loss control system or is a pressure tank capable of maintaining working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere.  
 46 [LAC 33:III.2103.H.3] Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.  
 47 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

**CRG 0006 OXIDIZERS - Thermal Oxidizer Common Requirements**

Group Members: EQT 0009EQT 0029

48 [40 CFR 63.1275(b)(1)(i)] Design and operate in accordance with the requirements of 40 CFR 63.1281(d). Subpart HHH. [40 CFR 63.1275(b)(1)(i)]  
 49 [40 CFR 63.1275(b)(1)] Closed-vent system: Design and operate in accordance with the requirements of 40 CFR 63.1281(c). Subpart HHH. [40 CFR 63.1275(b)(1)]  
 50 [40 CFR 63.1281(c)(1)] Closed-vent system: Route all gases, vapors, and fumes emitted from the material in a HAP emissions unit to a control device that meets the requirements specified in 40 CFR 63.1281(d). Subpart HHH. [40 CFR 63.1281(c)(1)]  
 51 [40 CFR 63.1281(c)(2)] Closed-vent system: Design and operate with no detectable emissions, as determined by 40 CFR 63.1282(b). Subpart HHH. [40 CFR 63.1281(c)(2)]  
 52 [40 CFR 63.1281(c)(3)(i)(B)] Closed-vent system (bypass device): Secure the bypass device valve installed at the inlet to the bypass device in the non-diverting position using a car-seal or a lock-and-key type configuration. Subpart HHH. [40 CFR 63.1281(c)(3)(i)(B)]  
 53 [40 CFR 63.1281(d)(1)(i)] Total Organic Compounds (TOC) or HAP >= 95 % reduction by weight or <= 20 ppmv on a dry basis corrected to 3 percent oxygen, as determined in accordance with the requirements of 40 CFR 63.1282(d); or Residence time >= 0.5 seconds at a minimum temperature of 760 degrees C. Subpart HHH. [40 CFR 63.1281(d)(1)(i)]  
 Which Months: All Year Statistical Basis: None specified  
 Operate at all times when gases, vapors, and fumes are vented from the emissions unit or units through the closed-vent system to the control device, as required under 40 CFR 63.1275, except when maintenance or repair on a unit cannot be completed without a shutdown of the control device. Subpart HHH. [40 CFR 63.1281(d)(4)(ii)]  
 Demonstrate compliance with the monitoring requirements of 40 CFR 63.1283(d) according to the requirements of 40 CFR 63.1282(e) or (f), as applicable. Subpart HHH. [40 CFR 63.1281(d)(4)(ii)]

**SPECIFIC REQUIREMENTS**

AI ID: 127089 - Bobcat Gas Storage Facility  
**Activity Number:** PER20100001  
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**Air - Title V Regular Permit Major Mod**

**CRG 0006 OXIDIZERS - Thermal Oxidizer Common Requirements**

- 56 [40 CFR 63.1282(d)(3)] Demonstrate that the control device meets the requirements of 40 CFR 63.1281(d)(1) or (e)(3)(ii) by conducting a performance test. Use the test methods and procedures specified in 40 CFR 63.1282(d)(3)(i) through (d)(3)(iv). Submit the performance test results in the Notification of Compliance Status Report as required in 40 CFR 63.1285(d)(1)(ii). Subpart HHH. [40 CFR 63.1282(d)(3)]
- 57 [40 CFR 63.1282(e)(1)] Establish a site specific maximum or minimum monitoring parameter value (as appropriate) according to the requirements of 40 CFR 63.1283(d)(5)(i). Subpart HHH. [40 CFR 63.1282(e)(1)]
- 58 [40 CFR 63.1282(e)(2)] Calculate the daily average of the applicable monitored parameter in accordance with 40 CFR 63.1283(d)(4). Subpart HHH. [40 CFR 63.1282(e)(2)]
- 59 [40 CFR 63.1283(c)(2)(i)(A)] Closed-vent system (joints, seam, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the specified in 40 CFR 63.1282(b) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.1285(d)(1) or (d)(2).
- 60 [40 CFR 63.1283(c)(2)(i)(B)] Which Months: All Year Statistical Basis: None specified Closed-vent system (joints, seam, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of component or connection repair or replacement or connection unsealing, to demonstrate that it operates with no detectable emissions. Use the procedures in 40 CFR 63.1282(b). Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(i)(B)]
- 61 [40 CFR 63.1283(c)(2)(i)(A)] Which Months: All Year Statistical Basis: None specified Closed-vent system (joints, seam, or other connections that are permanently or semi-permanently sealed): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(i)(A)]
- 62 [40 CFR 63.1283(c)(2)(ii)(A)] Which Months: All Year Statistical Basis: None specified Closed-vent system (components other than those in 40 CFR 63.1283(c)(2)(i)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures specified in 40 CFR 63.1282(b) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.1285(d)(1) or (d)(2). Subpart HHH. [40 CFR 63.1283(c)(2)(ii)(A)]
- 63 [40 CFR 63.1283(c)(2)(ii)(B)] Which Months: All Year Statistical Basis: None specified Closed-vent system (components other than those in 40 CFR 63.1283(c)(2)(i)): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(ii)(B)]
- 64 [40 CFR 63.1283(c)(2)(ii)(C)] Which Months: All Year Statistical Basis: None specified Closed-vent system (components other than those in 40 CFR 63.1283(c)(2)(i)): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(ii)(C)]

**SPECIFIC REQUIREMENTS**

**AI ID: 127089 - Bobcat Gas Storage Facility**  
**Activity Number: PER20100001**  
**Permit Number: 2600-00071-V3**  
**Air - Title V Regular Permit Major Mod**

**CRG 0006 OXIDIZERS - Thermal Oxidizer Common Requirements**

- 65 [40 CFR 63.1283(c)(2)(iii)(B)] Closed-vent system (bypass device): Seal or closure mechanism monitored by visual inspection/determination monthly to verify that the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass device. Subpart HHH. [40 CFR 63.1283(c)(2)(iii)(B)]
- 66 [40 CFR 63.1283(c)(3)] Which Months: All Year Statistical Basis: None specified Closed-vent system: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.1283(c)(4). Subpart HHH. [40 CFR 63.1283(c)(3)]
- 67 [40 CFR 63.1283(c)(5)(i)] Cover (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.1283(c)(2)(i) or (c)(2)(ii). Subpart HHH. [40 CFR 63.1283(c)(5)(i)]
- 68 [40 CFR 63.1283(c)(5)(ii)] Closed-vent system (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.1283(c)(2)(i) or (c)(2)(ii). Subpart HHH. [40 CFR 63.1283(c)(5)(ii)]
- 69 [40 CFR 63.1283(c)(5)(iii)] Closed-vent system (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart HHH. [40 CFR 63.1283(c)(5)(iii)]
- 70 [40 CFR 63.1283(c)(5)(iv)] Which Months: All Year Statistical Basis: None specified Cover (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart HHH. [40 CFR 63.1283(c)(5)(iv)]
- 71 [40 CFR 63.1283(c)(6)(i)] Which Months: All Year Statistical Basis: None specified Closed-vent system (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than two meters above a support surface. Subpart HHH. [40 CFR 63.1283(c)(6)(i)]
- 72 [40 CFR 63.1283(c)(6)(ii)] Cover (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than two meters above a support surface. Subpart HHH. [40 CFR 63.1283(c)(6)(ii)]
- 73 [40 CFR 63.1283(c)(6)(iii)] Closed-vent system (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart HHH. [40 CFR 63.1283(c)(6)(iii)]
- 74 [40 CFR 63.1283(c)(6)(iv)] Which Months: All Year Statistical Basis: None specified Cover (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart HHH. [40 CFR 63.1283(c)(6)(iv)]
- 75 [40 CFR 63.1283(d)(3)(i)(A)] Which Months: All Year Statistical Basis: None specified Temperature recordkeeping by electronic or hard copy continuously. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(A)]
- 76 [40 CFR 63.1283(d)(3)(i)(A)] Temperature monitored by temperature monitoring device continuously, as specified. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(A)]
- 77 [40 CFR 63.1283(d)(4)] Which Months: All Year Statistical Basis: None specified Calculate the daily average value for each monitored operating parameter for each operating day using the data recorded by the monitoring system. Subpart HHH. [40 CFR 63.1283(d)(4)]

**SPECIFIC REQUIREMENTS**

All ID: 127089 - Bobcat Gas Storage Facility  
 Activity Number: PER20100001  
 Permit Number: 2600-00071-V3  
 Air - Title V Regular Permit Major Mod

**CRG 006 OXIDIZERS - Thermal Oxidizer Common Requirements**

- 78 [40 CFR 63.1283(d)(5)(i)] Establish a minimum operating parameter value or a maximum operating parameter value, as appropriate for the control device, to define the conditions at which the control device must be operated to continuously achieve the applicable performance requirements of 40 CFR 63.1281(d)(1) or 40 CFR 63.1281(e)(3)(ii). Establish operating parameter values as specified in 40 CFR 63.1283(d)(5)(i)(A) and (d)(5)(i)(B). Subpart HHH. [40 CFR 63.1283(d)(5)(i)]
- 79 [40 CFR 63.1284] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.1284(b) through (e). Subpart HHH.
- 80 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
- 81 [LAC 33:III.1311.C] Which Months: All Year Statistical Basis: None specified  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: Six-minute average
- 82 [LAC 33:III.2116.B.2] VOC, Total >= 85 % reduction. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D.  
 Which Months: All Year Statistical Basis: None specified  
 Determine compliance with LAC 33:III.2116.B using the methods in LAC 33:III.2116.D-5, as appropriate.
- 83 [LAC 33:III.2116.D] Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2116.F.1 and 2.

**EQT 0033 GEN-1 - Emergency Generator No. 1**

- 85 [40 CFR 63.6590(b)(i)] Permittee shall submit initial notification as specified in 40 CFR 60 Subpart ZZZZ. [40 CFR 63.6590(b)(i)]  
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: None specified  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: Six-minute average

**EQT 0036 GEN-2 - Emergency Generator No. 2**

- 88 [40 CFR 60.4233(e)] (Excluding formaldehyde) VOC, Total <= 1.0 g/BHP-hr (0.0022 lb/HP-hr; 86 ppmvd at 15% O2). Subpart JJJ. [40 CFR 60.4233(e)]  
 Which Months: All Year Statistical Basis: None specified  
 Carbon monoxide <= 4.0 g/BHP-hr (0.0088 lb/HP-hr; 540 ppmvd at 15% O2). Subpart JJJ. [40 CFR 60.4233(e)]  
 Which Months: All Year Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

**AI ID: 127089 - Bobcat Gas Storage Facility**  
**Activity Number: PER20100001**  
**Permit Number: 2600-00071-V3**  
**Air - Title V Regular Permit Major Mod**

**EQT 0036 GEN-2 - Emergency Generator No. 2**

- 90 [40 CFR 60.4233(e)] Nitrogen oxides <= 2.0 g/BHP-hr (0.0044 lb/HP-hr; 160 ppmvd at 15% O<sub>2</sub>). Subpart JJJJ. [40 CFR 60.4233(e)]  
 Which Months: All Year Statistical Basis: None specified  
 Operate and maintain stationary SI ICE to achieve the emission standards as required in 40 CFR 60.4233 over the entire life of the engine.  
 Subpart JJJJ.
- 91 [40 CFR 60.4234] Ensure engine is certified according to procedures specified in 40 CFR 60 Subpart JJJJ, for the same model year. Demonstrate compliance according to one of the methods specified in 40 CFR 60.4243(a). Subpart JJJJ. [40 CFR 60.4243(b)(1)]  
 Operate for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Limit maintenance checks and readiness testing to 100 hours per year. Operate up to 50 hours per year in non-emergency situations, but count those 50 hours towards the 100 hours per year provided for maintenance and testing. Do not use the 50 hours per year for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity. Do not operate for any reason other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as permitted in 40 CFR 60.4243(d). Subpart JJJJ. [40 CFR 60.4243(d)]  
 Operate using propane for a maximum of 100 hours per year as an alternative fuel solely during emergency operations. Keep records of such use. If propane is used for more than 100 hours per year and the engine is not certified to the emission standards when using propane, conduct a performance test to demonstrate compliance with the emission standards of 40 CFR 60.4233. Subpart JJJJ. [40 CFR 60.4243(e)]  
 Air-to-fuel ratio controller: Maintain and operate appropriately in order to ensure proper operation of the engine and control device to minimize emissions at all times. Subpart JJJJ. [40 CFR 60.4243(g)]  
 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the information in 40 CFR 60.4245(a)(1) through (a)(4). Subpart JJJJ. [40 CFR 60.4245(a)]  
 Permittee shall submit initial notification as specified in 40 CFR 60 Subpart ZZZZ. [40 CFR 63.6590(b)(i)]  
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, changing of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: None specified  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: Six-minute average

**FUG 0001 FUG-01 - Fugitive Equipment Leaks and Blowdowns**

- 100 [LAC 33.II.I.131.C]

Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.

**UNF 0001 A1127089 - Bobcat Compressor Station**

**SPECIFIC REQUIREMENTS**

**AI ID:** 127089 - Bobcat Gas Storage Facility  
**Activity Number:** PER20100001  
**Permit Number:** 2600-00071-V3  
**Air - Title V Regular Permit Major Mod**

**UNF 0001 AI127089 - Bobcat Compressor Station**

- 101 [40 CFR 60.] All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
- 102 [40 CFR 63.] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A.
- 103 [LAC 33:III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
- 104 [LAC 33:III.1109.B] Outdoor burning of waste material or other combustible material is prohibited.
- 105 [LAC 33:III.1303.B] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 106 [LAC 33:III.2113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 107 [LAC 33:III.2191] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 108 [LAC 33:III.535] Comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537.
- 109 [LAC 33:III.5611.A] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
- 110 [LAC 33:III.5611.B] During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
- 111 [LAC 33:III.919.D] Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Compliance. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.

General Information

**AI ID:** 127089 Bobcat Gas Storage Facility  
**Activity Number:** PER20100001  
**Permit Number:** 2600-00071-V3  
**Air - Title V Regular Permit Major Mod**

Also Known As:	ID	Name	User Group	Start Date
	2600-00071	CDS Number	CDS Number	05-17-2005
LAG532268	LPOES #	LPDES Permit #	LPDES Permit #	06-15-2007
LAG679122	LPDES #	LPDES Permit #	LPDES Permit #	12-12-2006
LAR10D059	LPDES #	LPDES Permit #	LPDES Permit #	06-14-2005
LAR10DB02	LPDES #	LPDES Permit #	LPDES Permit #	03-01-2007
	Bobcat Compressor Station	Multimedia	Multimedia	01-09-2006
G-097-12881	SW Generator ID #	Solid Waste Facility No.	Solid Waste Facility No.	08-14-2008
WQC JP 050214-03	Water Quality Certification #	Water Certification	Water Certification	02-22-2005
Physical Location:	19210 Hwy 190 Port Barre, LA 70577	Main Phone:	7138003535	
Mailing Address:	PO Box 279 Port Barre, LA 705770279			
Location of Front Gate:	30.546657 Latitude, -91.915556 longitude, Coordinate Method: Lat,Long. - DMS, Coordinate Datum: NAD83	Phone (Type)	Relationship	
Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Paul Bieniawski	11200 Westheimer Rd Ste 625 Houston, TX 77042	PBIEINIAWSKI@BOI	Responsible Official for
	Paul Bieniawski	11200 Westheimer Rd Ste 625 Houston, TX 77042	2812422381 (WP)	Responsible Official for
	Paul Bieniawski	11200 Westheimer Rd Ste 625 Houston, TX 77042	PBIEINIAWSKI@BOI	Emission Inventory Contact for
	Paul Bieniawski	11200 Westheimer Rd Ste 625 Houston, TX 77042	2812422381 (WP)	Emission Inventory Contact for
	Megan Taintor	11200 Westheimer Rd Ste 625 Houston, TX 77042	7134473513 (WP)	Water Permit Contact For
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Bobcat Gas Storage	11200 Westheimer Rd Ste 625 Houston, TX 77042	2812400172 (WF)	Operates
	Bobcat Gas Storage	11200 Westheimer Rd Ste 625 Houston, TX 77042	2812422381 (WP)	Operates
	Bobcat Gas Storage	11200 Westheimer Rd Ste 625 Houston, TX 77042	2812400172 (WF)	Owns
	Bobcat Gas Storage	11200 Westheimer Rd Ste 625 Houston, TX 77042	2812422381 (WP)	Owns
	Bobcat Gas Storage	11200 Westheimer Rd Ste 625 Houston, TX 77042	2812400172 (WF)	Water Billing Party for
	Bobcat Gas Storage	11200 Westheimer Rd Ste 625 Houston, TX 77042	2812422381 (WP)	Water Billing Party for
	Bobcat Gas Storage	11200 Westheimer Rd Ste 625 Houston, TX 77042	2812400172 (WF)	Air Billing Party for
	Bobcat Gas Storage	11200 Westheimer Rd Ste 625 Houston, TX 77042	2812422381 (WP)	Emission Inventory Billing Party
	Bobcat Gas Storage	11200 Westheimer Rd Ste 625 Houston, TX 77042	2812400172 (WF)	Emission Inventory Billing Party
	Bobcat Gas Storage	11200 Westheimer Rd Ste 625 Houston, TX 77042	2812422381 (WP)	Air Billing Party for
	Natural Resources Group	4000 S Sherwood Forest Blvd Site 405 Baton Rouge, LA 70816	2252361330 (WP)	Provides environmental services for
	Natural Resources Group	4000 S Sherwood Forest Blvd Site 405 Baton Rouge, LA	2252361340 (WF)	Provides environmental services for